

Figure 1

652270-95752250

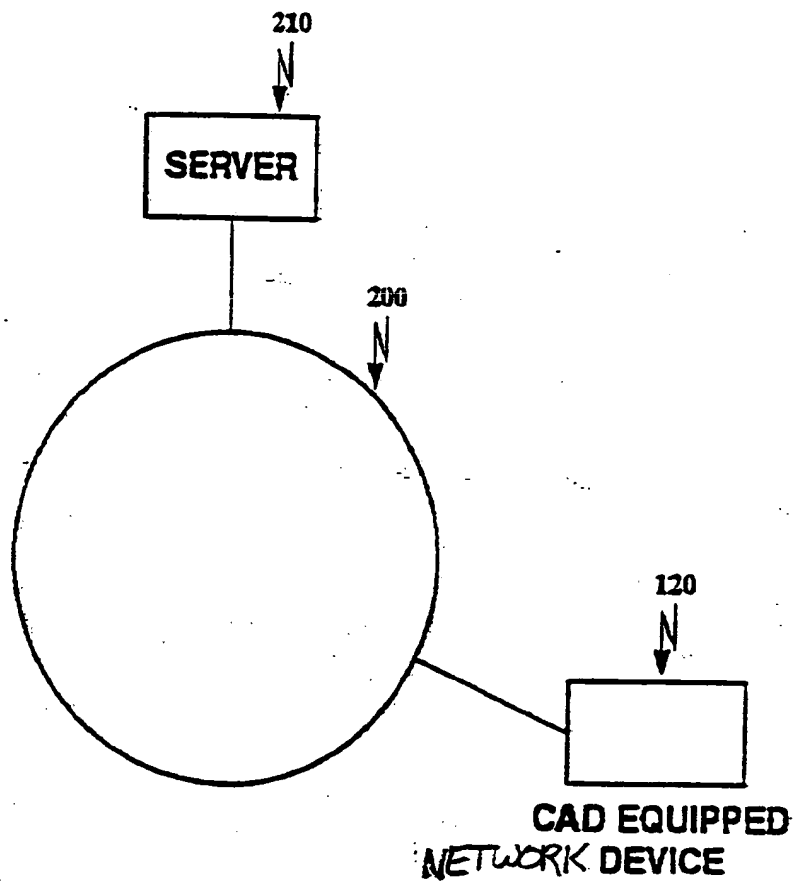


Figure 2

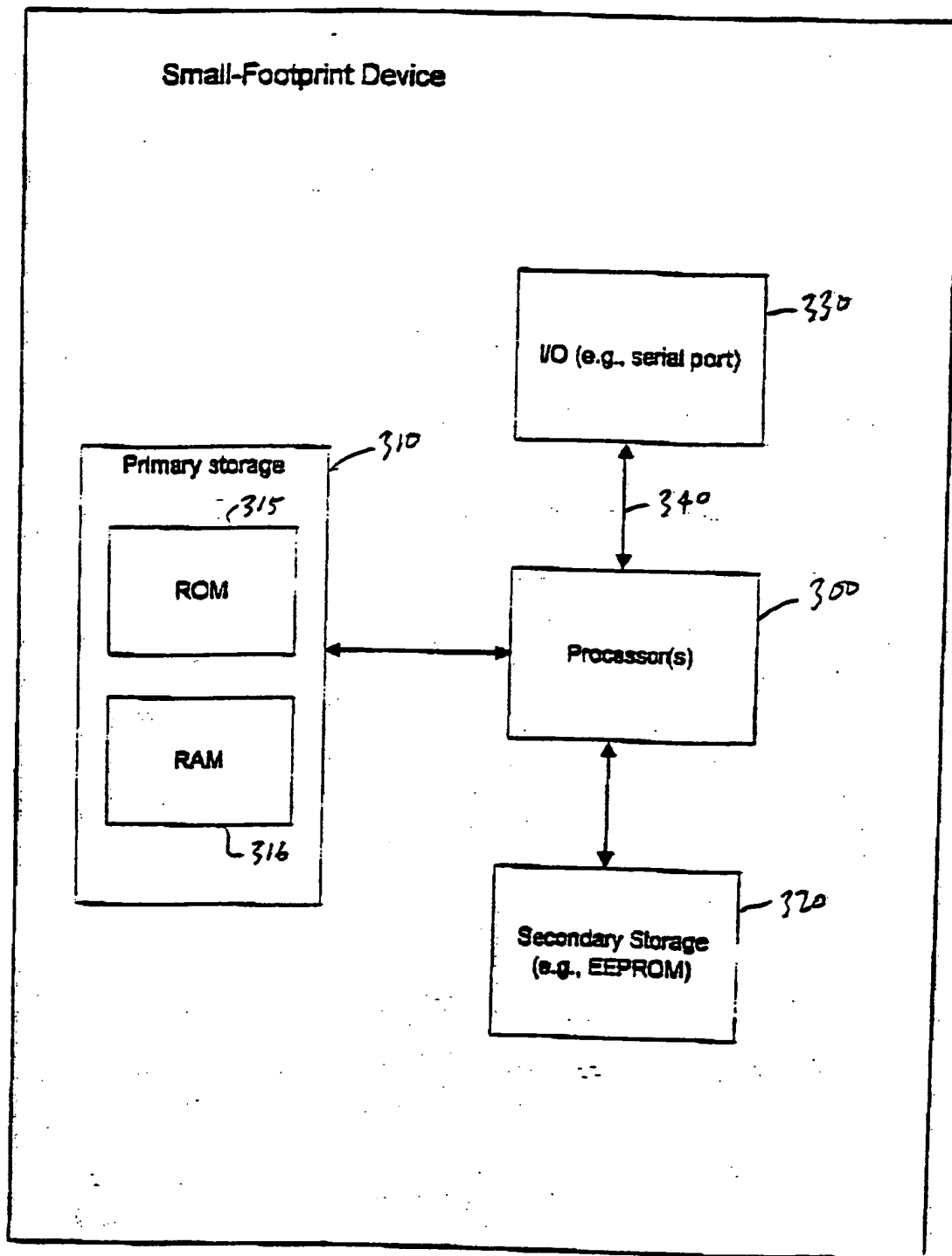


Figure 3 (PRIOR ART)

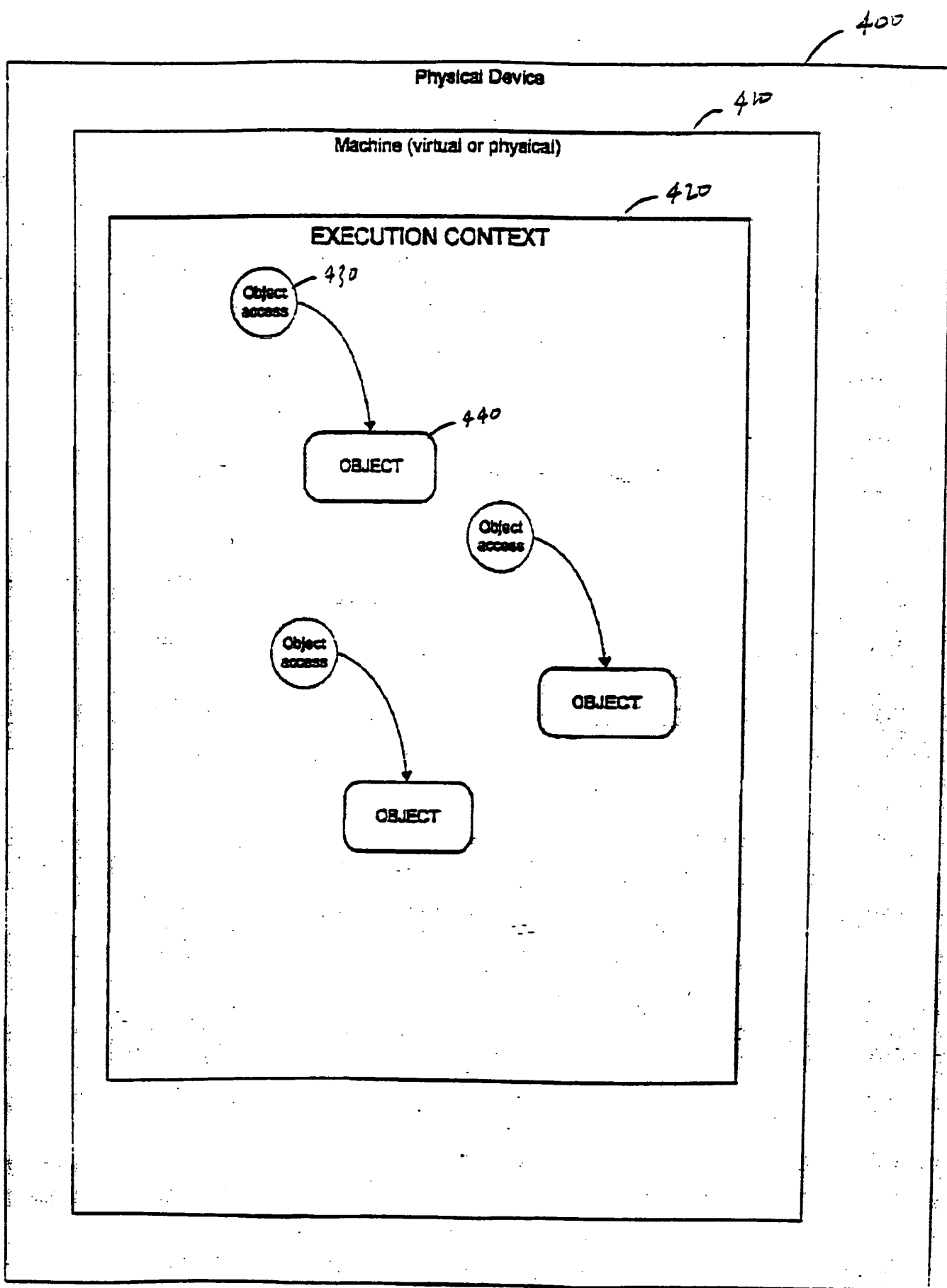


Figure 4 (PRIOR ART)

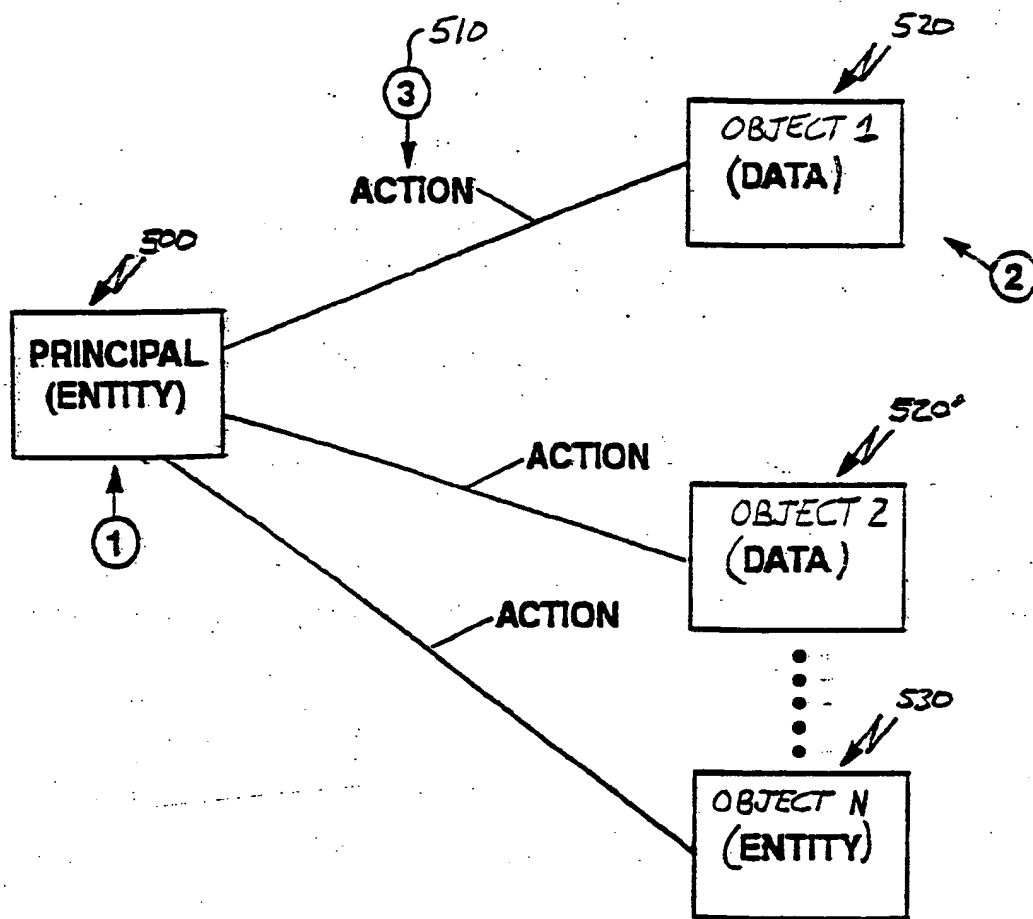


Figure 5

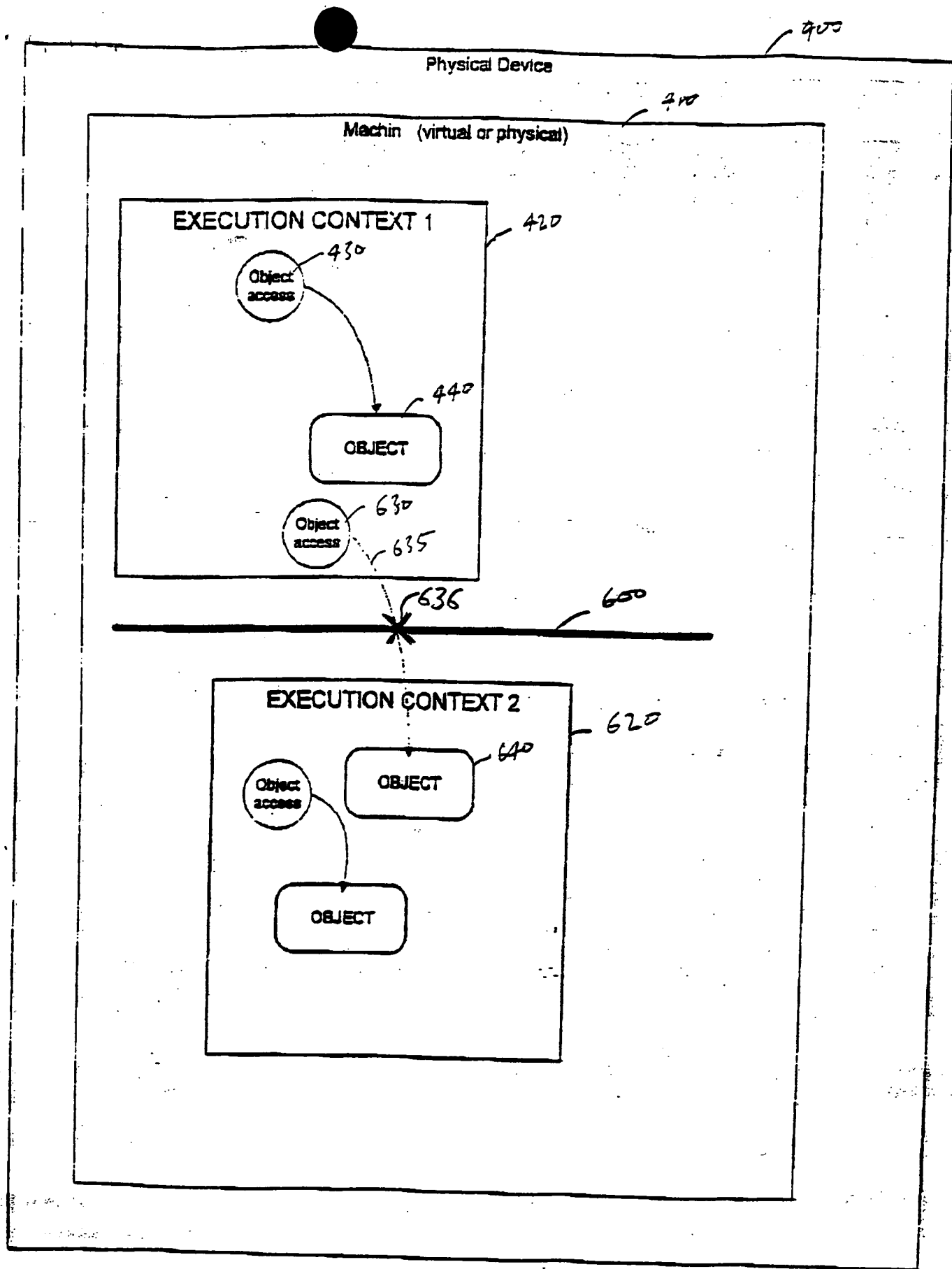


Figure 6

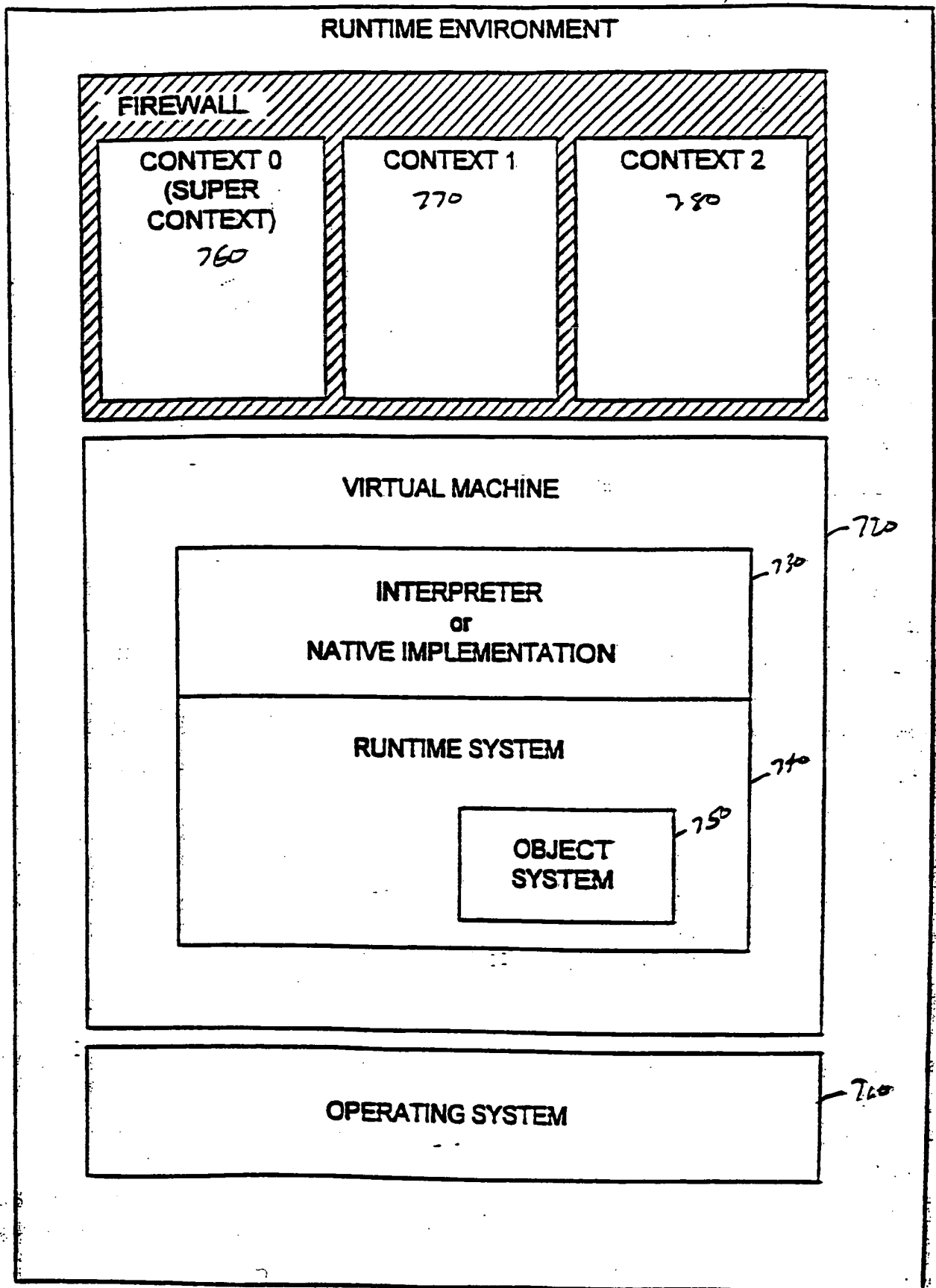


Figure 7

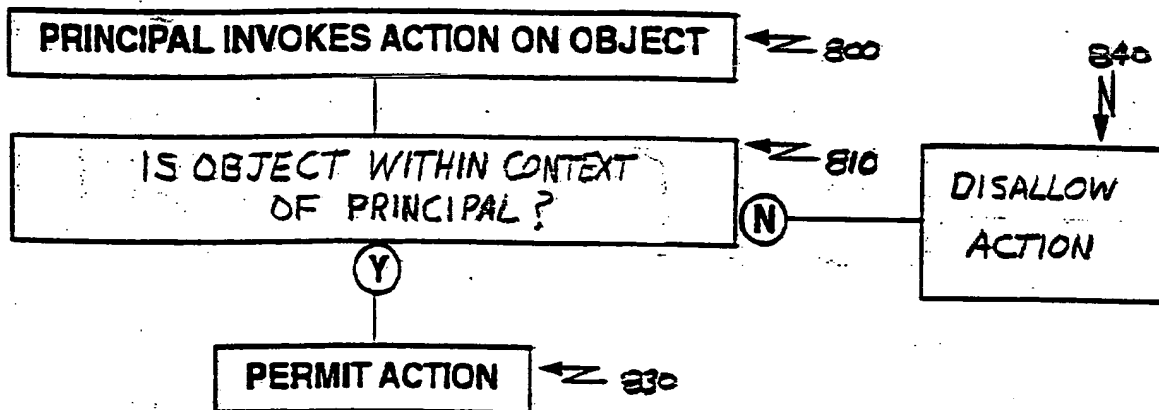


Figure 8

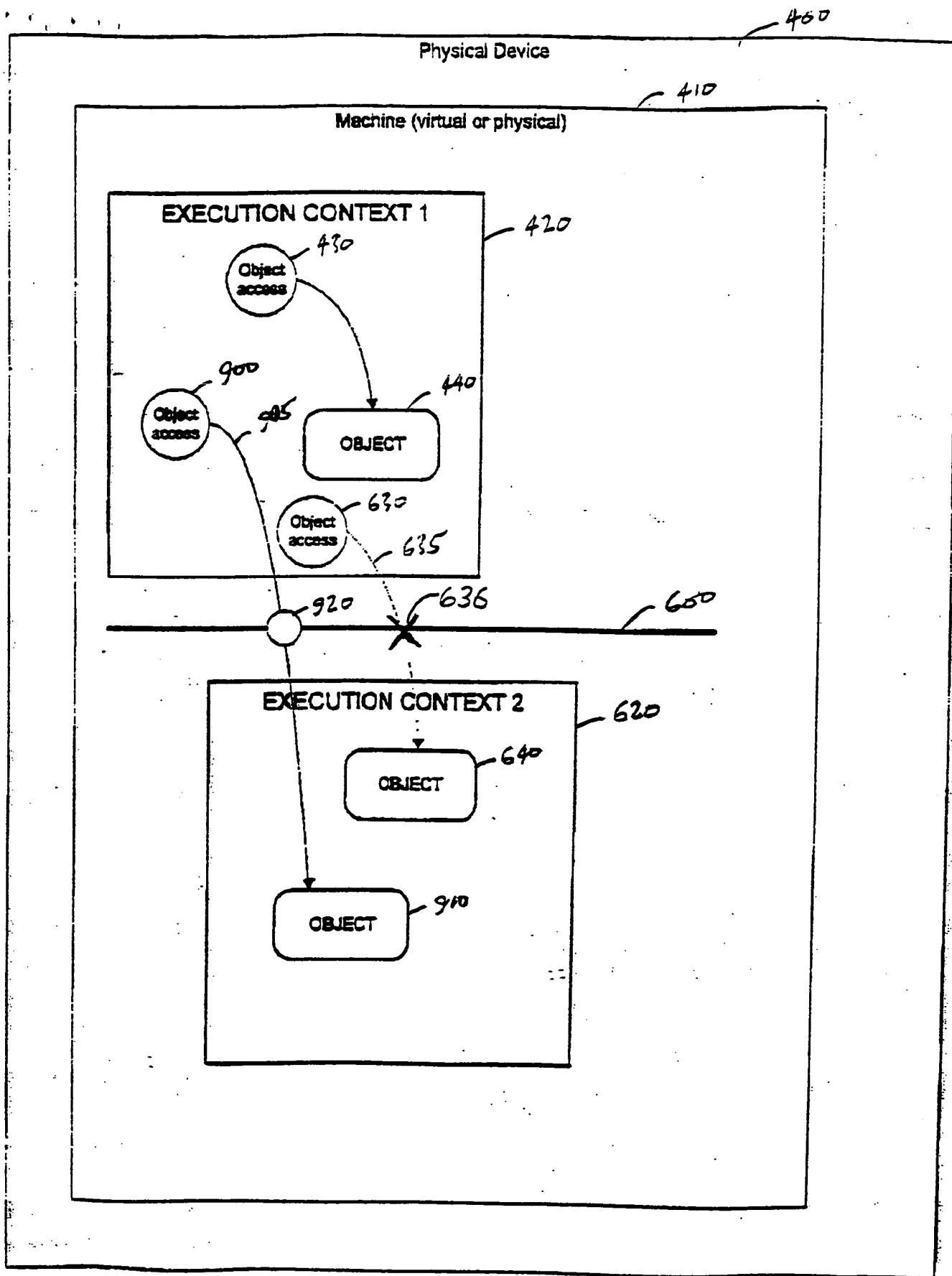


Figure 9

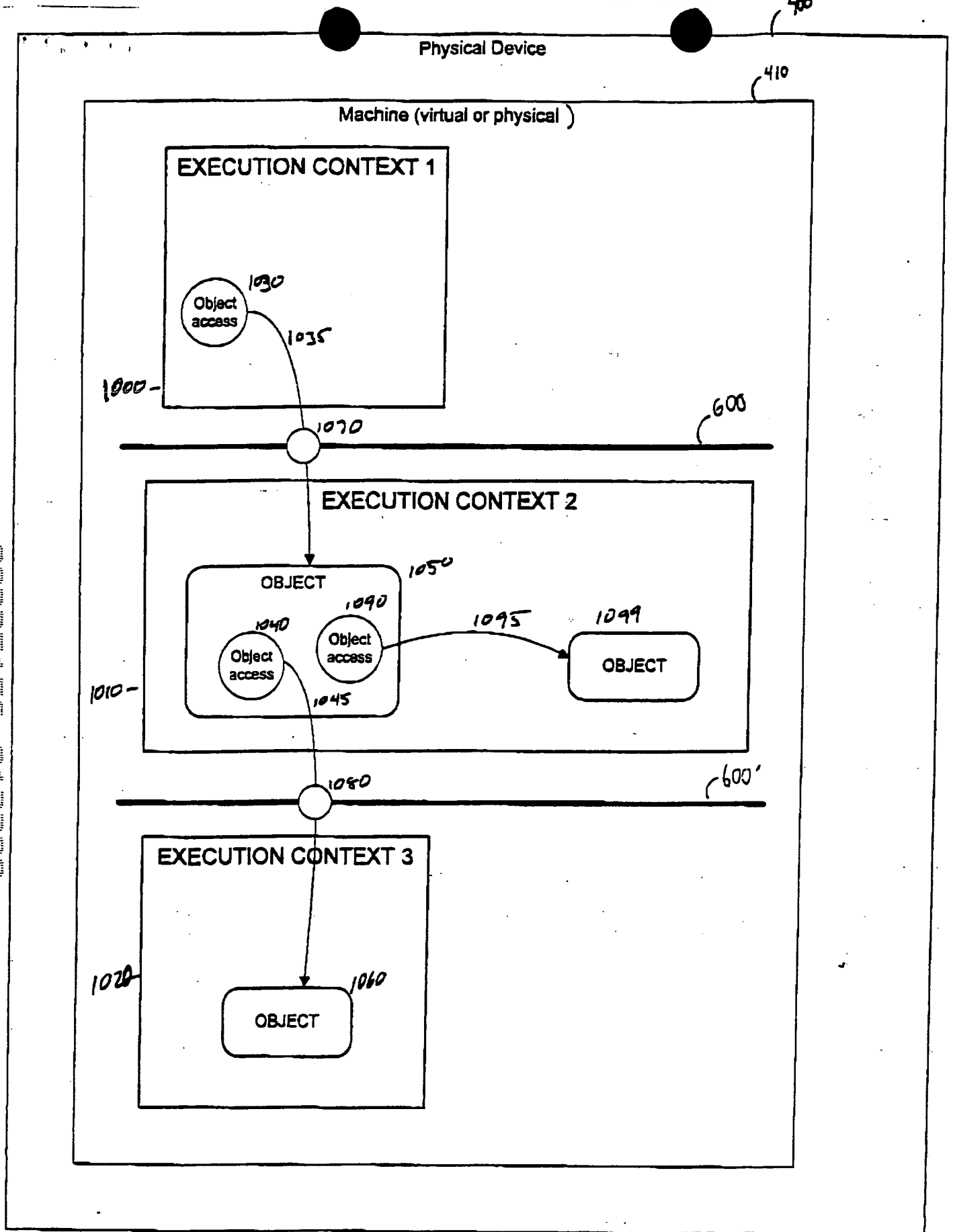


Figure 10

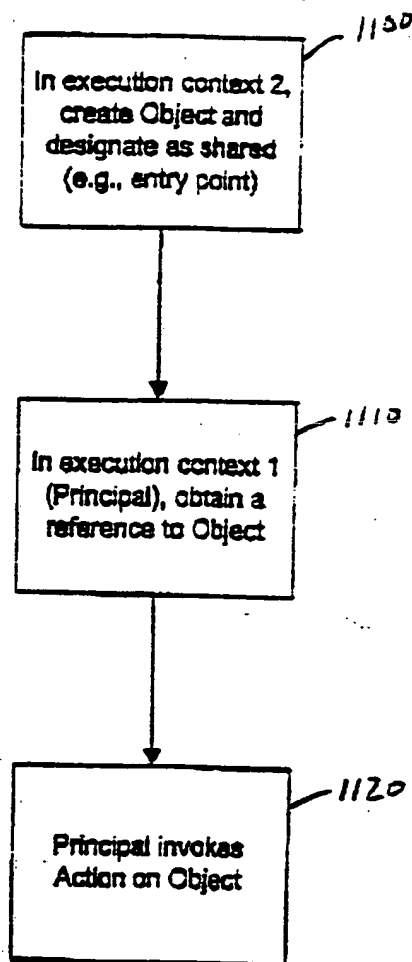


Figure 11

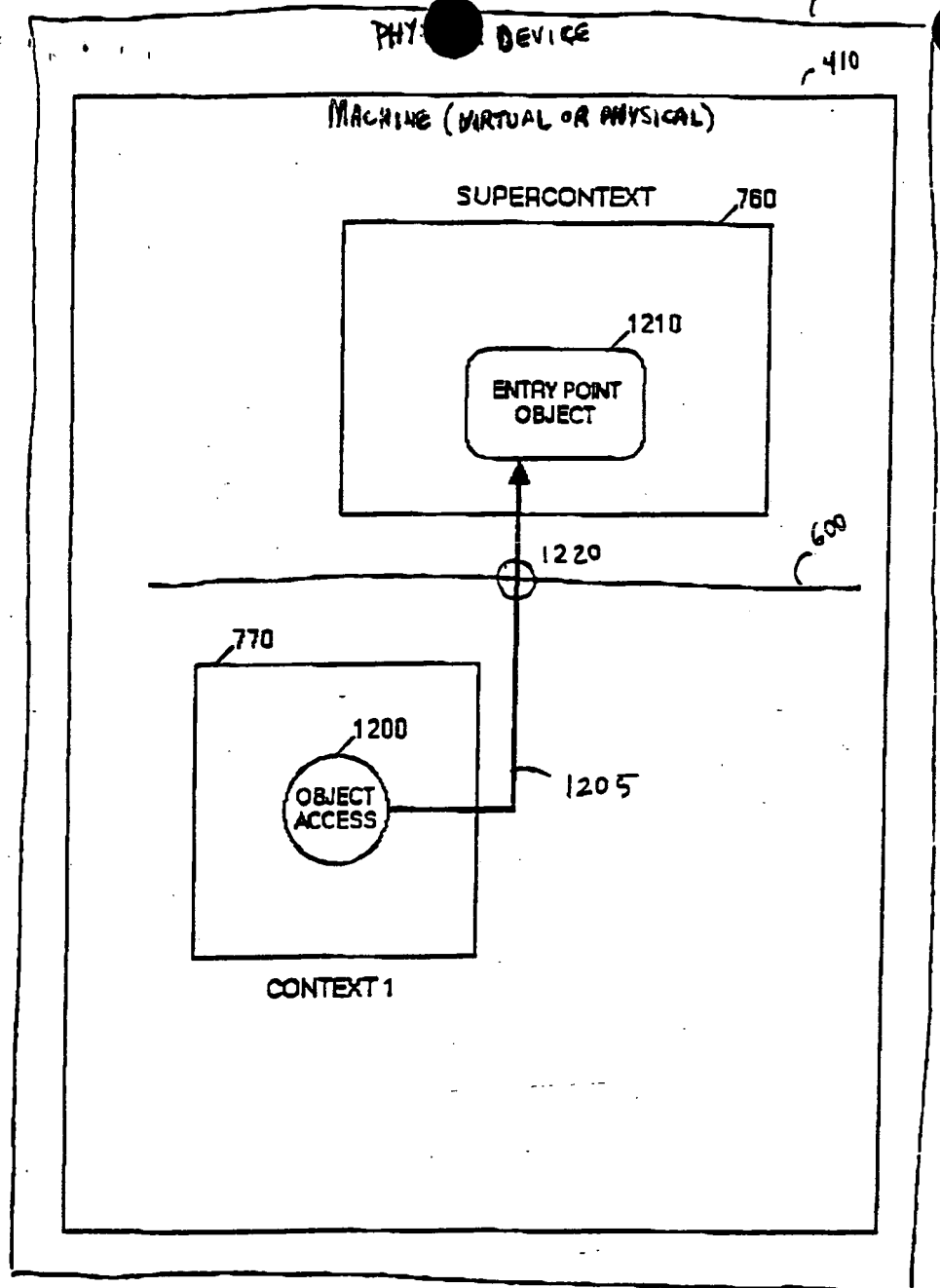


FIGURE 12

09235456-042269

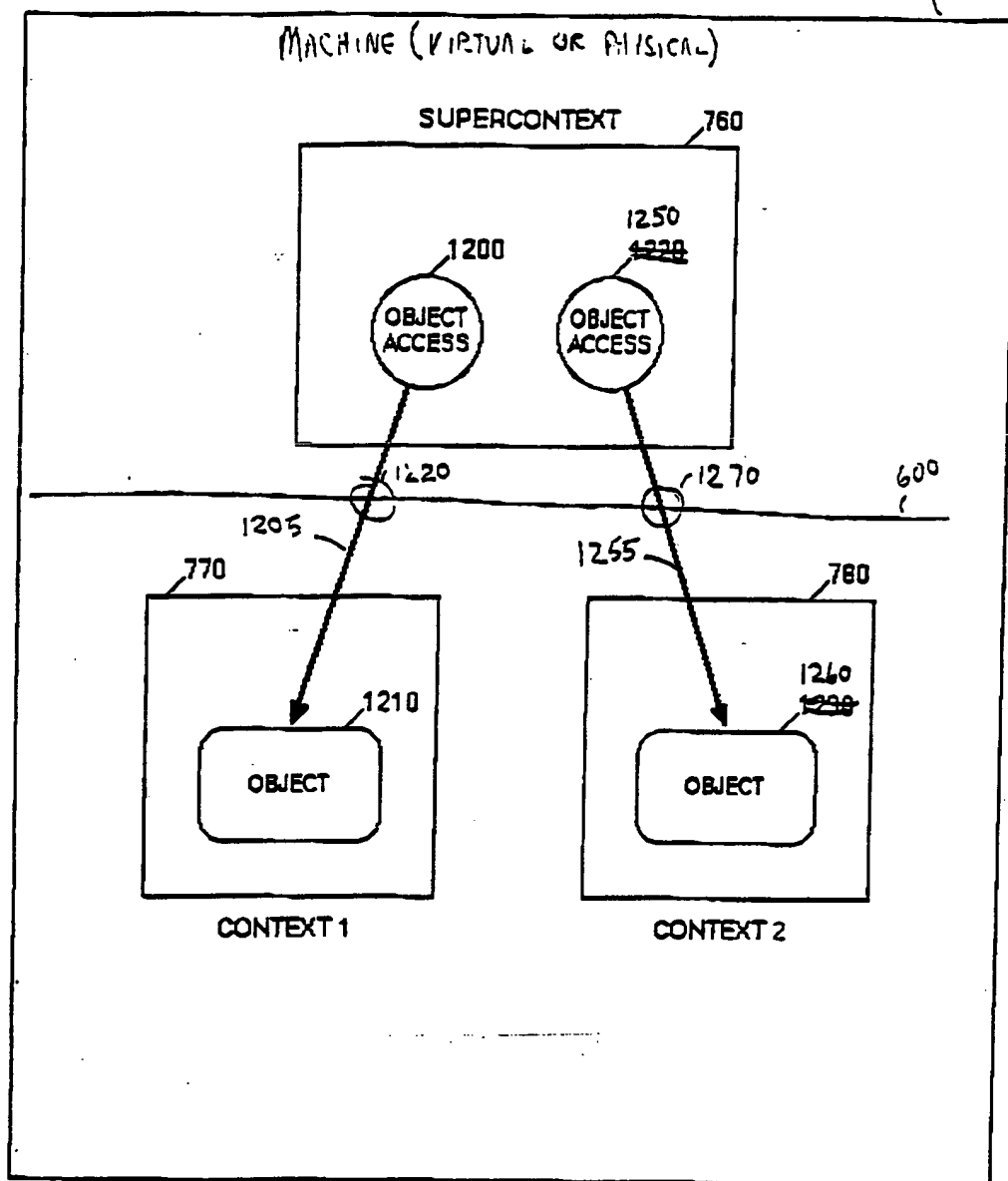


FIGURE 14

MACHINE (VIRTUAL OR PHYSICAL)

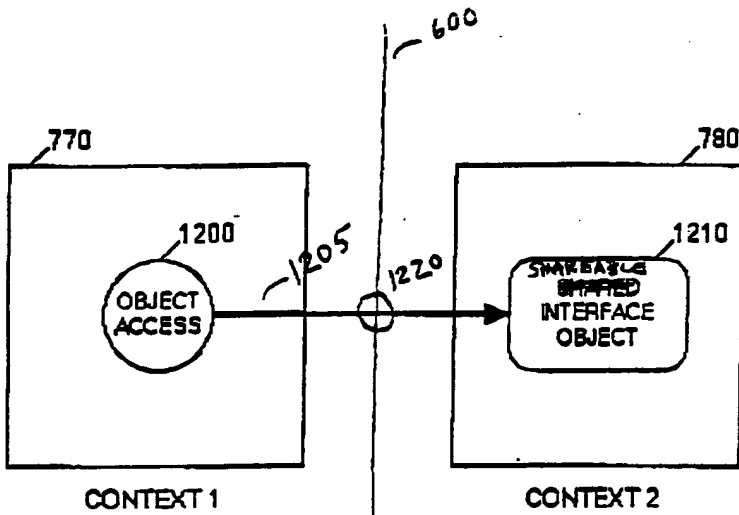


FIGURE 15

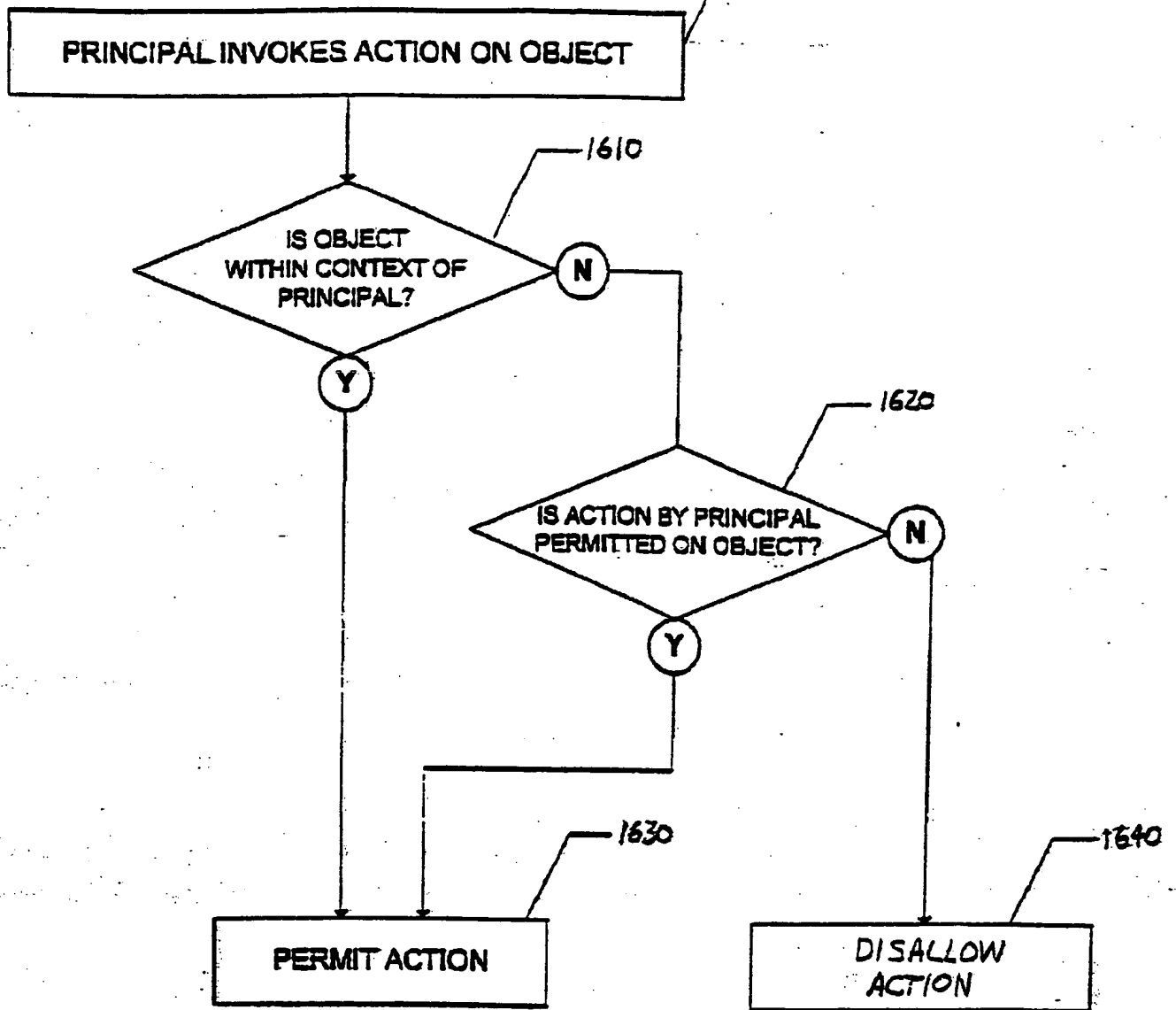


Figure 16

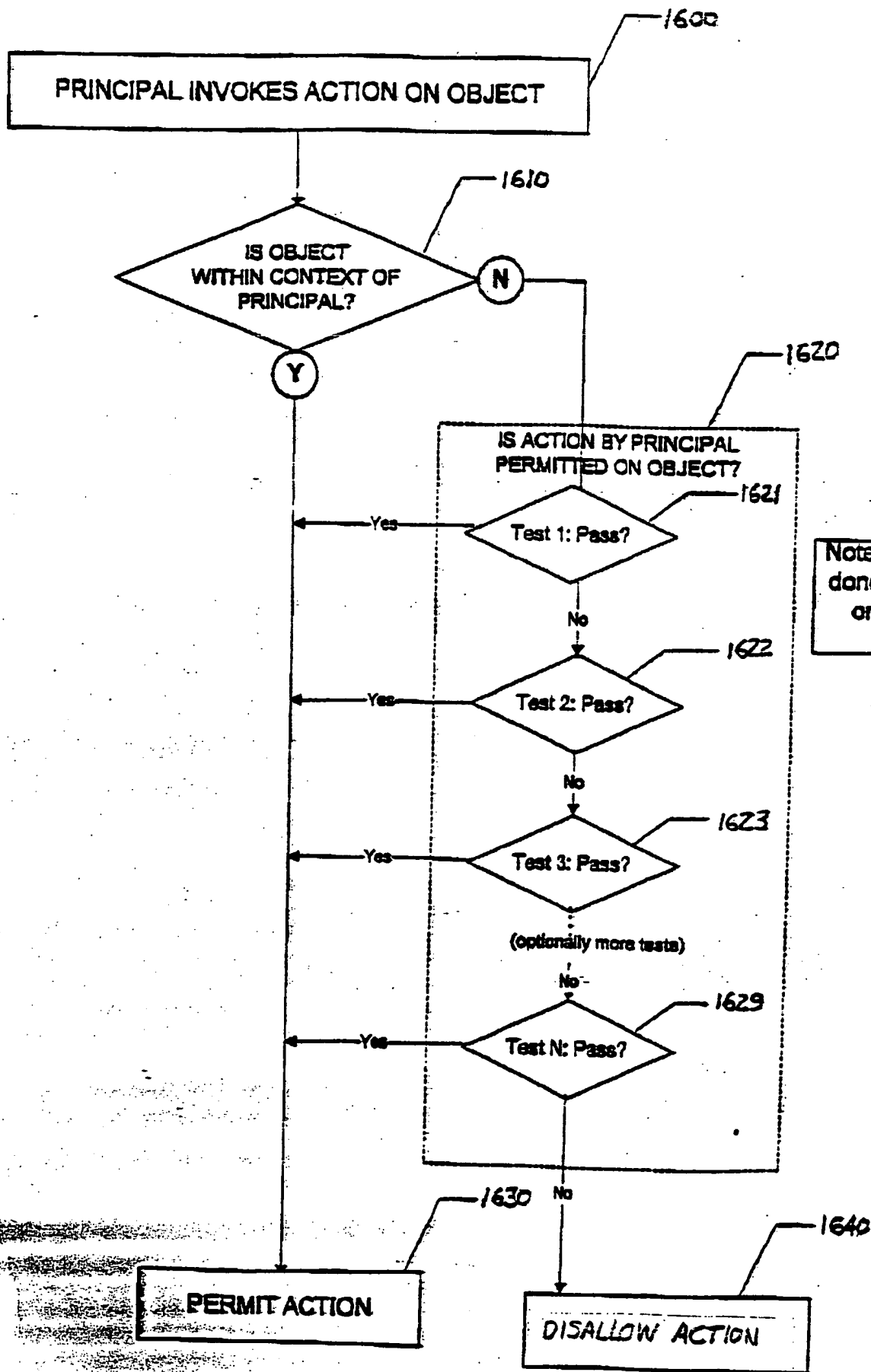


Figure 17

1625

call test 1800

Tests 1-N for P invokes A on O

1810

VM checks if O is a shared object

No

Yes

VM invokes method A of object O 1820

1830

method A of object O checks if P is authorized

No

Yes

FAIL 1850

PASS 1840

Figure 18